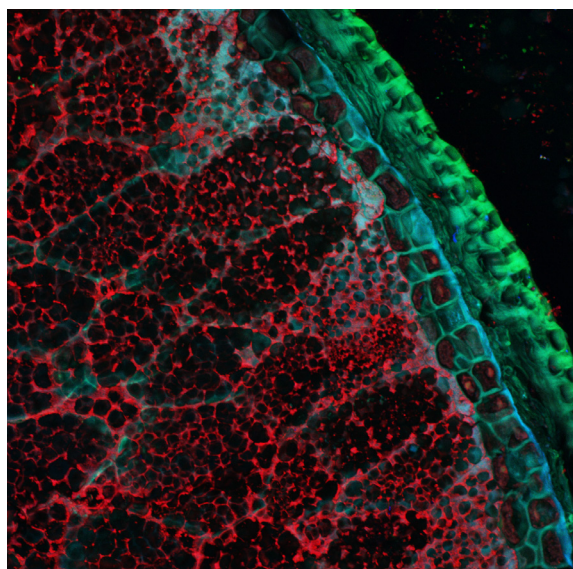
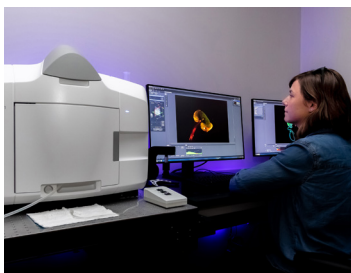


# MICROSCOPY

## *and Imaging Center*

*The Microscopy and Imaging Center (MIC) supports research and education by providing current and cutting-edge technologies in microscopy and related imaging for the life and physical sciences on the Texas A&M University campus and beyond.*



### ABOUT *the* CENTER

The MIC develops emerging technologies, like super-resolution light microscopy and offers “cool” imaging by ultrafast-freezing samples at thousands of degrees per second to prevent ice crystal formation and focused ion beam for fast, precise milling of frozen samples with cryo lift out capability aiding in 3D electron tomography. The MIC offers expertise and techniques in sample preparation, *in situ* elemental/ molecular analyses, high-resolution imaging using light- and electron-enabled methods -of crystalline and amorphous specimens, surface and cross-sectional analyses, 3-D structure determination by single particle-based algorithms and tomographic methods, as well as digital image analysis and processing. The Center promotes cutting-edge research in basic and applied sciences through research and development activities, as well as quality training and education through individual training, short courses, workshops, and formal courses that offer credit.

The Center’s outreach activities extend deep into the Bryan/College Station community, and the Center has acquired aficionados from K-12 to postdoctoral fellows and faculty.

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